



SDST Summary Report

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MODIS SDST



Status of PGEs for V2



- Status of 10 PGEs received
 - Snow through SSTG
 - Sea Ice through SSTG next week
 - Surface Reflect. through SSTG next week
 - Level 1B will redeliver next week
 - Pointer Code redelivery 10/31
 - Land Surf. Temp. V2.1 needed for launch
 - 7 band L1B data set (ECS)
 - Script for aggregation (Ye/SDST)
 - 250m Landcover SDST debug s/w with developer
 - Ocean Color Sue Walsh-great turnaround fixing prohibited functions, prologues
 - SST



Late PGEs



- 5 PGEs are late as of today in delivery to SSTG
 - PGE01 Geolocation [10/31]
 - PGE03 Cloud Mask []
 - PGE04 Aerosol - Land and Sea []
 - Precipitable Water []
 - PGE33 LAI/FPAR daily [10/31]
 - PGE44 Landcover Monthly []



Post-Launch PGEs



- 27 PGEs identified as post-launch
 - CMG, monthly quarterly and yearly Land products
- More PGEs may be added to the post-launch list depending on deliveries from Science Team, SDST and DAAC throughput and external requirements



Items of Interest



- Network bandwidth update (S. Broder 11/21)
- Volumes and loads update (E. Masuoka 11/6)
- MEBS “Day in the Life Test” (Englemeyer, 11/15)
- GDAAC Operations Plan (Harnden, TBD)



SDST V2 Software Development



- Land
 - Aggregation Code - Devadiga
- Oceans
 - PGE17 Oceans ancillary Meteorological preprocessor
 - PGE19 Oceans ancillary Ozone preprocessor
 - Level 1B Reader
 - Level 3 SeaWiFS to MODIS Converter
 - ECS Metadata output routines
 - Lower priority or uncertain
 - Subsetting or sub-sampling L1B for Miami
 - Level 1 SeaWiFS to MODIS converter



SDST V2 Software Development



- Atmospheres
 - PGE05 Interim Daily Atmosphere
 - Metadata compositing to support PGE6x Cloud aggregation code
 - Not doing expanded reader for Atmosphere
 - Level 1B, Cloud Mask ... and handle them as images rather than swaths



At-launch PGEs



- Software must meet standards and be robust
- Schedule is tight
- Few 2.1 PGEs can be accepted without losing other at-launch PGEs
- Time lost up front will not be regained
- PGEs that come in late may end up post-launch or cause other PGEs to be moved to post-launch
 - If you're PGE is a Level 3 product you should be actively encouraging the Level 2 products a head of it to stay on schedule
- Quality, Quality, Quality and , of course timeliness



How can you help



- To get the at-launch PGEs delivered I would like:
 - you to provide someone onsite during the SSI&T process and the testing of their PGEs
 - Running/Glassey model
 - or someone who will be on call and make the fixing of identified problems their highest priority
 - Miami model
 - you to volunteer more products as post-launch if level of commitment to schedule is unreasonable
 - you to identify issues to me as soon as you are aware fo them
 - the option to borrow manpower from SDST Science Team support (LDOPE)